

CLAIM OR CLAIMS

We claim:

1. A film prepared from a composition comprising:
 - (a) at least one polypropylene polymer selected from the group consisting of polypropylene homopolymers; random copolymers or block copolymers of polypropylene and ethylene; and random terpolymers or block terpolymers of polypropylene, ethylene and one other olefin; and
 - (b) from 1 to 30 weight % of at least one ethylene/ alkyl acrylate copolymer.
2. The film of Claim 1 wherein said alkyl acrylate is present in said ethylene/alkyl acrylate copolymer in a range from about 5 to about 30 weight %.
3. The film of Claim 1 wherein said alkyl acrylate is present in said ethylene/alkyl acrylate copolymer in a range from about 10 to about 25 weight %.
4. The film of Claim 1 wherein said alkyl acrylate is selected from the group consisting of methyl acrylate, ethyl acrylate and butyl acrylate.
5. The film of Claim 4 wherein said alkyl acrylate is methyl acrylate.
6. The film of Claim 1 wherein component (b) is present in an amount of from 2 to 30 weight %.
7. The film of Claim 6 wherein component (b) is present in an amount of from 2 to 20 weight %.
8. The film of Claim 6 wherein component (b) is present in an amount of from 2 to 10 weight %.
9. The film of Claim 1 further comprising
 - (c) from 0.01 to 40 weight % of at least one additional component selected from the group consisting of fillers, delustrants, UV stabilizers, pigments and other additives.
10. The film of Claim 9 wherein component (c) is present in an amount of from 0.1 to 15 weight %.
11. The film of Claim 1 that is prepared by extrusion of said composition into a cooling water bath for quenching.

12. The film of Claim 1 that is prepared by extrusion of said composition onto chilled rolls for quenching.

13. The film of Claim 1 that is prepared by extrusion of said composition through an annular die into a tubular blown film that is air-
5 quenched.

14. The film of Claim 1 wherein said composition comprises a tubular reactor produced ethylene/alkyl acrylate copolymer.

15. A tape prepared by slitting a film of any of Claims 1 through
14.

10 16. A fiber prepared by hot-drawing and annealing a tape of Claim 15.

17. A process for preparing a fiber comprising

(1) preparing a composition comprising

(a) at least one polypropylene polymer selected from the group
15 consisting of polypropylene homopolymers; random copolymers or block copolymers of polypropylene and ethylene; and random terpolymers or block terpolymers of polypropylene, ethylene and one other olefin; and
(b) from 1 to 30 weight % of at least one ethylene/alkyl acrylate copolymer;

20 (2) forming said composition into a film;

(3) slitting the film into tapes;

(4) hot-drawing and annealing a tape of step (3).

18. The process of Claim 17 wherein said alkyl acrylate is present in said ethylene/ alkyl acrylate copolymer in a range from about 5
25 to about 30 weight %.

19. The process of Claim 18 wherein said alkyl acrylate is present in said ethylene/ alkyl acrylate copolymer in a range from about 10 to about 25 weight %.

20. The process of Claim 17 wherein said alkyl acrylate is
30 selected from the group consisting of methyl acrylate, ethyl acrylate and butyl acrylate.

21. The process of Claim 20 wherein said alkyl acrylate is methyl acrylate.

22. The process of Claim 17 wherein component (b) is present in an amount from 2 to 30 weight %.
23. The process of Claim 22 wherein component (b) is present in an amount of from 2 to 20 weight %.
- 5 24. The process of Claim 23 wherein component (b) is present in an amount of from 2 to 10 weight %.
25. The process of Claim 17 further comprising
(c) from 0.01 to 40 weight % of at least one additional component selected from the group consisting of fillers, delustrants, UV stabilizers,
10 pigments and other additives.
26. The process of Claim 21 wherein component (c) is present in an amount of from 0.1 to 15 weight %.
27. The process of Claim 17 that is prepared by extrusion of said composition into a cooling water bath for quenching.
- 15 28. The process of Claim 17 that is prepared by extrusion of said composition onto chilled rolls for quenching.
29. The process of Claim 17 that is prepared by extrusion of said composition through an annular die into a tubular blown film that is air-quenched.
- 20 30. The process of Claim 17 wherein said composition comprises a tubular reactor produced ethylene/alkyl acrylate copolymer.
31. A melt-spun fiber prepared from a composition comprising:
(a) at least one polypropylene polymer selected from the group consisting of polypropylene homopolymers; random copolymers or block
25 copolymers of polypropylene and ethylene; and random terpolymers or block terpolymers of polypropylene, ethylene and one other olefin; and
(b) from 1 to 15 weight % of at least one ethylene/ alkyl acrylate copolymer.
32. The fiber of Claim 31 wherein said alkyl acrylate is present in
30 said ethylene/ alkyl acrylate copolymer in a range from about 5 to about 30 weight %.
33. The fiber of Claim 32 wherein said alkyl acrylate is present in said ethylene/ alkyl acrylate copolymer in a range from about 10 to about 25 weight %.

34. The fiber of Claim 31 wherein said alkyl acrylate is selected from the group consisting of methyl acrylate, ethyl acrylate and butyl acrylate.
- 5 35. The fiber of Claim 34 wherein said alkyl acrylate is methyl acrylate.
36. The fiber of Claim 31 wherein component (b) is present in an amount of from 2 to 10 weight %.
37. The fiber of Claim 31 further comprising
(c) from 0.01 to 15 weight % of at least one additional component
10 selected from the group consisting of fillers, delustrants, UV stabilizers, pigments and other additives.
38. The fiber of Claim 37 wherein component (c) is present in an amount of from 0.1 to 5 weight %.
39. The fiber of Claim 31 wherein said composition comprises a
15 tubular reactor produced ethylene/alkyl acrylate copolymer.
40. A nonwoven textile prepared from a melt-spun fiber of Claim 31.